

Abstract

A sensor has a transmitter module for transferring data via a line, the sensor receiving power via the line. At a point in time in which the sensor receives a first power level, it transmits the data for a first time interval. A second sensor which is

- 5 connected to the line in parallel to the first sensor then transmits its data for a second time interval after the first time interval. A timing sequence control system in the two sensors which is triggered by the point in time of reception of the power ensures the subsequent transmission by the first and second sensor.

10 (Figure 1)